

2834



Patent
Attorney's Docket No. 033275-231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Reinhard JOHO) Group Art Unit: 2834
Application No.: 09/899,160) Examiner: Iraj A. MOHANDESI
Filed: 06 July 2001) Confirmation No.: 9763
For: STATOR WINDING FOR AN)
ELECTRICAL MACHINE)

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- ☒ A Petition for Extension of Time is also enclosed.
- ☐ A Terminal Disclaimer and the ☐ \$55.00 (2814) ☐ \$110.00 (1814) fee due under 37 C.F.R. § 1.20(d) are also enclosed.
- ☒ Also enclosed is/are an Information Disclosure Statement.
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$375.00 (2801) ☐ \$750.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) previously submitted ___, on ___, for which continued examination is requested.
- ☐ Applicant(s) request suspension of action by the Office until at least ___, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.
- ☒ No additional claim fee is required.

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☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims		MINUS =		× \$18.00 (1202) =	
Independent Claims		MINUS =		× \$84.00 (1201) =	
If Amendment adds multiple dependent claims, add \$280.00 (1203)					
Total Amendment Fee					
If small entity status is claimed, subtract 50% of Total Amendment Fee					
TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT					

☐ A claim fee in the amount of \$_____ is enclosed.

☐ Charge \$_____ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: M. David Ream
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Registration No. 35,333

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Date: 04 March 2003



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REQUEST FOR RECONSIDERATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed 04 October 2002, Applicant respectfully requests reconsideration.

Claims 1-9 are pending in the application.

In numbered paragraph one of the Office Action, the Examiner indicates that numbering of the claims is incorrect or flawed, and indicates that "misnumbered claim 4 [has] been renumbered 3". This objection is not understood. The originally filed application included eight claims, numbered 1-8. A Preliminary Amendment filed with the application on 06 July 2001 amended each of Claims 1-8. A Supplemental Preliminary Amendment filed 14 September 2001 amended Claims 1-2 and 4-8, and added new Claim 9. Thus, the original claims were correctly numbered 1-8, and the subsequent amendments did not change the claim numbering except to add new Claim 9. Since Claim 3 is already

pending, it is not understood why the Examiner has indicated that "misnumbered claim 4 [has] been renumbered 3." Withdrawal of the objection and reversal of the Examiner's renumbered of Claim 4 is respectfully requested.

In the Office Action, the Examiner rejects Claims 1-2 under 35 U.S.C. § 102(b) over Switzerland Patent No. 403 051 to Pannen (Pannen). This rejection is respectfully traversed.

Pannen fails to disclose or suggest that *the conductor bar arranged close to the boring is provided with more strand columns or strand planes than the conductor bar arranged close to the slot base*, as recited in Claim 1.

Pannen discloses a conductor bar 4 that is close to a groove base and a conductor bar 5, both in a groove 10. See, for example, Figure 2. As shown in Figure 2, the bar 4 is closer to a slot base of the winding slots, the bar 5 is closer to a boring of the winding slots, and the conductor bar 5 has more partial conductor bars (*e.g.*, the partial conductors 1, 1', 2, 2', 3 and 3') than the conductor bar 4 (*e.g.*, the partial conductors 1, 2, 3). However, partial conductor bars are not the same as strand planes. Although the bars 4, 5 shown in Figure 2 have different numbers of partial conductor bars, each of the bars 4, 5 has only one strand plane.

Pannen at Page 2, Lines 17-20 discloses that two strand planes can be used instead of one, but in such a situation each of the conductor bars 4, 5 would have two strand planes because the conductor bars 4, 5 will always have a same or equal number of strand planes. Accordingly, Pannen fails to disclose or suggest that *the conductor bar arranged close to the boring is provided with more strand columns or strand planes than the*

conductor bar arranged close to the slot base, as recited in Claim 1. For example, the embodiment shown in Figure 1 of the present application and encompassed by Claim 1, shows a conductor bar 15 having four strand columns or planes 15a, 15b, 15c, 15d each composed of strands 23, and a conductor bar 17 having two strand columns or planes 17a, 17b each composed of strands 23'. The conductor bar 15 is located near a boring 22, the conductor bar 17 is located near a slot base 21.

For at least the above reasons, withdrawal of the rejection of Claims 1-2 under 35 U.S.C. § 102(b) over Pannen is respectfully requested.

In the Office Action the Examiner rejects Claims 4-9 under 35 U.S.C. § 103(a) over Pannen in view of U.S. Patent No. 5,955,810 to Umeda (Umeda). This rejection is respectfully traversed.

Umeda fails to overcome the deficiencies of Pannen described above. Accordingly, the combination of Pannen and Umeda likewise fails to disclose or suggest Claim 1. Claims 4-9 depend from allowable Claim 1, and are therefore likewise allowable for at least the same reasons. Withdrawal of the rejection of Claims 4-9 under 35 U.S.C. § 103(a) over Pannen in view of Umeda is respectfully requested.

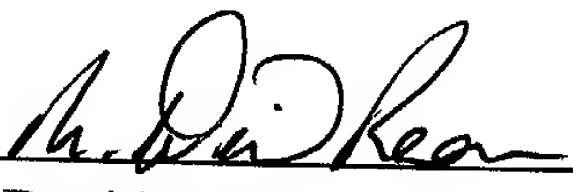
Applicant notes that the Office Action fails to reject Claim 3. Accordingly, any rejection of Claim 3 must be a non-final rejection.

Applicant respectfully submits that the application is in condition for allowance. Favorable consideration on the merits and prompt allowance are respectfully requested. In the event any questions arise regarding this communication or the application in general,

the Examiner is invited to contact Applicant's undersigned representative at the telephone number listed below.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 
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